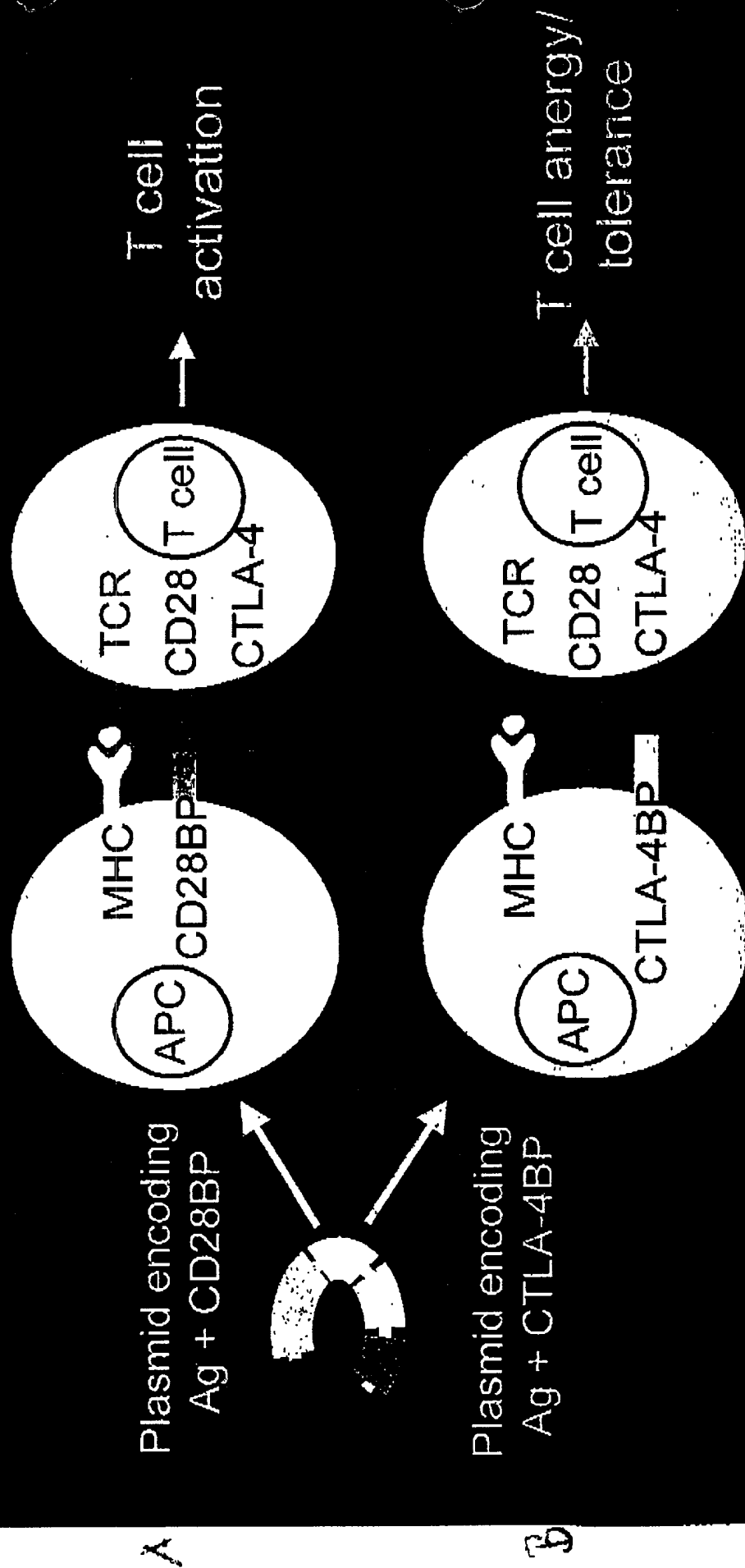
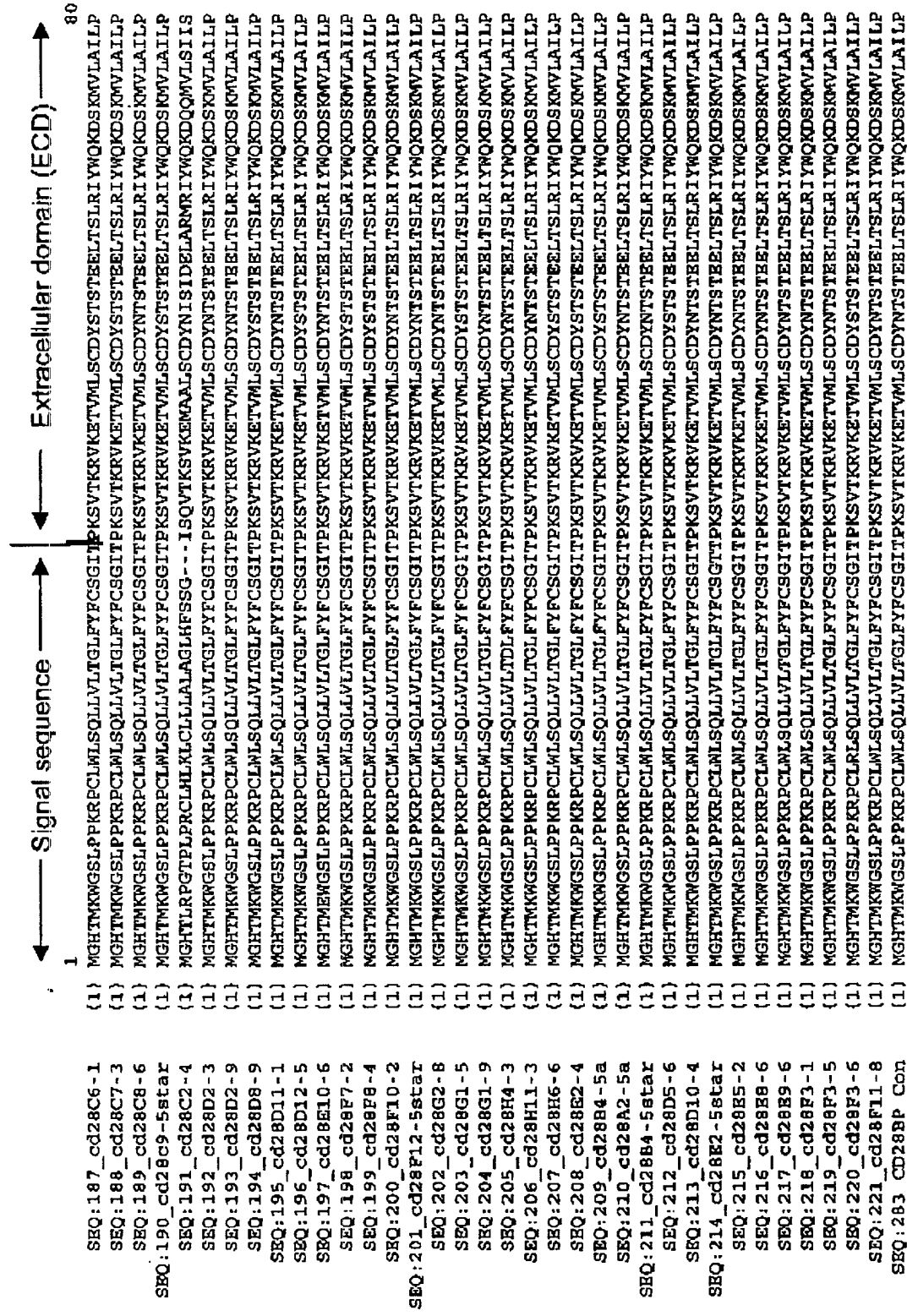


Altered T cell Function Evolved Ligand Binding





← Extracellular domain (ECD) →

81
↓

(79) GDMNIWPEYKNRTIFDIITWNLSIVILALRPSDEGTYECVVLK-YEKDAFKREHLASVTLSVKADFPPTPSISDFEIPSTSI
SEQ:278_Human_B7-1

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:048_R1_Clone_71

(78) GQVEVPPEYKNRTFDDIINNLSMLIALRLSDKGTYTCVVQK-NENGSRFRREHLTSVTSLISRADFPVPSITDIGHPAPNV
SEQ:049_R1_Clone_84

(78) GQVEVPPEYKNRTFDDIINNLSMLIALRLSDKGTYTCVVQK-NENGSRFRREHLTSVTSLISRADFPVPSITDIGHPAPNV
SEQ:050_R1_Clone_118

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPDLLKGYAKLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:051_R1_Clone_126

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:052_R2_CD28BP-1

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:053_R2_CD28BP-2

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:054_R2_CD28BP-3

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:055_R2_CD28BP-4

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDKGTYTCVVQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:056_R2_CD28BP-5

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:057_R2_CD28BP-6

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:058_R2_CD28BP-7

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:059_R2_CD28BP-8

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPSITDIGHPAPNV
SEQ:060_R2_CD28BP-9

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:061_R2_CD28BP-10

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDKGTYTCVVQK-NENGSRFRREHLTSVTSLISRADFPVPSITDIGHPAPNV
SEQ:062_R2_CD28BP-11

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:063_R2_CD28BP-12

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:064_R2_CD28BP-13

(78) GQVEVPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:065_R2_CD28BP-14

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRPSDSGYTCVIQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:066_R2_CD28BP-15

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:067_R2_CD28BP-16

(81) GKQVWPPEYKNRTIFDDIINNLSMLIALRLSDKGTYTCVVQK-NENGSRFRREHLTSVTSLISRADFPVPSITDIGHPAPNV
SEQ:068_R2_CD28BP-17

(81) GKQVWPPEYKNRTITDMDNLRIVILALRLSDSGYTCVIQKPDLLKGYAKLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:174_cd28A12-5

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:175_cd28A4-5star

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPDLLKGYAKLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:176_cd28A4-9

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:177_cd28A6-9

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:178_cd28A6-1

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:179_cd28A8-4

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:180_cd28A8-6

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDKGTYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPTINDLGNPSPNI
SEQ:181_cd28B2-8

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLASVRLMIRADFPPVPSITDIGHPAPNV
SEQ:182_cd28B4-3

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:183_cd28B6-3

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPDLLKGYAKLEHLT SVRLMIRADFPPVPSITDIGHPAPNV
SEQ:184_cd28B6-6

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:185_cd28B8-5star

(81) GKQVWPPEYKNRTITDMDNDPRIVILALRLSDSGYTCVIQKPVLKGYAKGLEHLT SVRLMIRADFPPVPTINDLGNPSPNI
SEQ:186_cd28C11-5

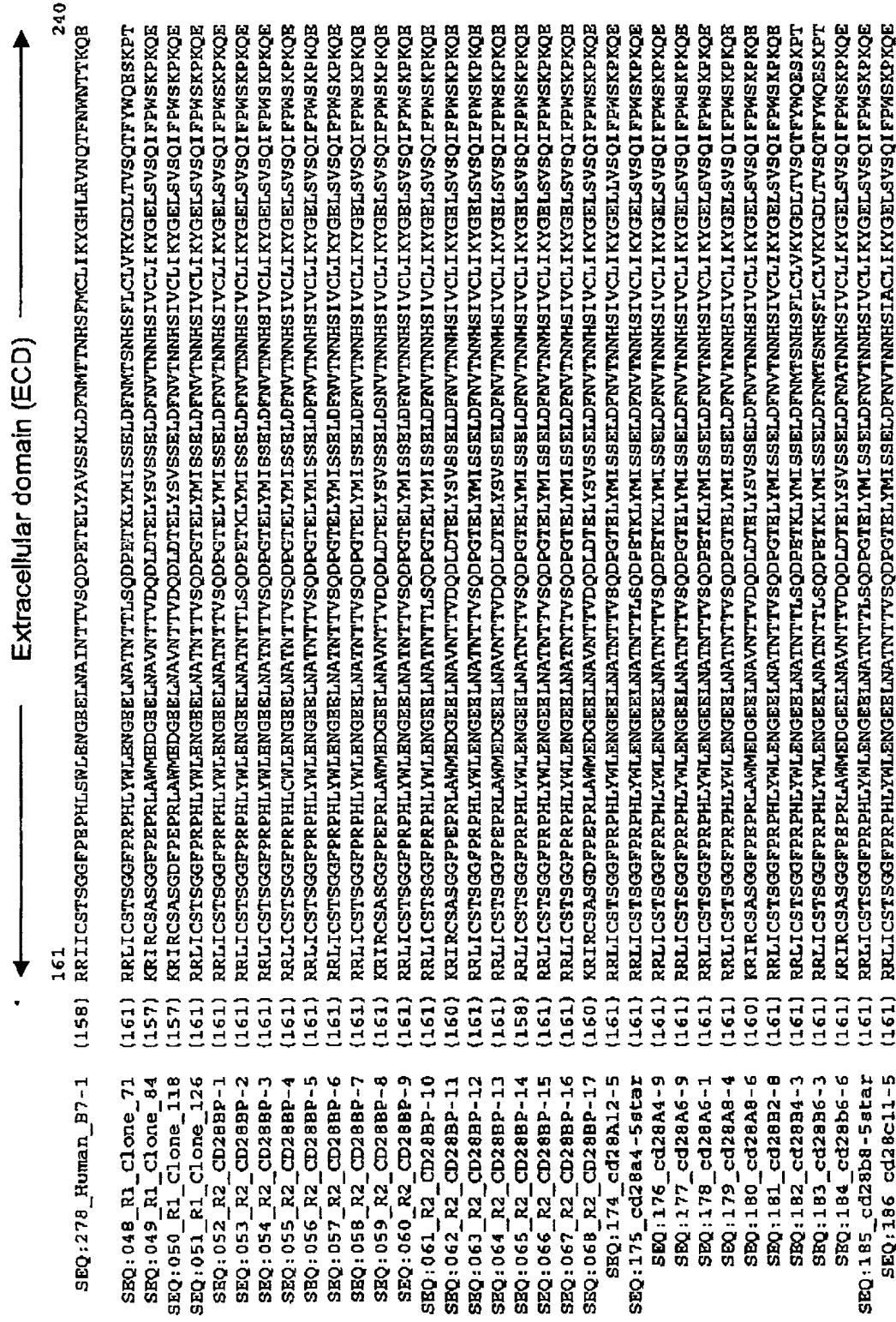


Fig. 2E

	←	Extracellular domain (ECD)	→
161			240
SEQ:187_cd28C6-1	(161)	RLICSTSGGFRPHLYWLENGEELNATNTTVSQDPGTETLYMISSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:188_cd28C7-3	(161)	KRIRCSASGDFPRRLAWMEDGEEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:189_cd28C8-6	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDPGTETLYMISSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:190_cd28C9-5star	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDPGTETLYMISSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:191_cd28C2-4	(158)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDPGTETLYMISSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:192_cd28D2-3	(159)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDPGTETLYMISSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:193_cd28D2-9	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDPGTETLYMISSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:194_cd28D8-9	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDPGTETLYMISSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:195_cd28D11-1	(160)	KRIRCSASGDFPRRLAWMEDGEEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:196_cd28D12-5	(161)	KRIRCSASGDFPRRLAWMEDGEEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:197_cd28E10-6	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:198_cd28F7-2	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:199_cd28F8-4	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:200_cd28F10-2	(161)	KRIRCSASGDFPRRLAWMEDGEEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:201_cd28F12-5star	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:202_cd28G2-8	(160)	KRIRCSASGDFPRRLAWMEDGEEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:203_cd28G1-5	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:204_cd28G1-9	(161)	KRIRCSASGDFPRRLAWMEDGEEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:205_cd28H4-3	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:206_cd28H11-3	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:207_cd28H6-6	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:208_cd28E2-4	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:209_cd28B4-5a	(161)	KRIRCSASGDFPRRLAWMEDGEEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:210_cd28A2-5a	(161)	KRIRCSASGDFPRRLAWMEDGEEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:211_cd28B4-5star	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:212_cd28D5-6	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:213_cd28D10-4	(160)	KRIRCSASGDFPRRLAWMEDGEEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:214_cd28E2-5star	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:215_cd28E5-2	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:216_cd28E8-6	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:217_cd28E9-6	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:218_cd28F3-1	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:219_cd28F3-5	(160)	KRIRCSASGDFPRRLAWMEDGEEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:220_cd28F3-6	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:221_cd28F11-8	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	
SEQ:283_CD28BP_Con	(161)	RRLICSTSGGFRPHLYWLENGEELNATNTTVSQDLDTELYSVSSELDENVNTNHSIVCLIKYGEISVSQIFPWSKPQOE	

Fig. 2F

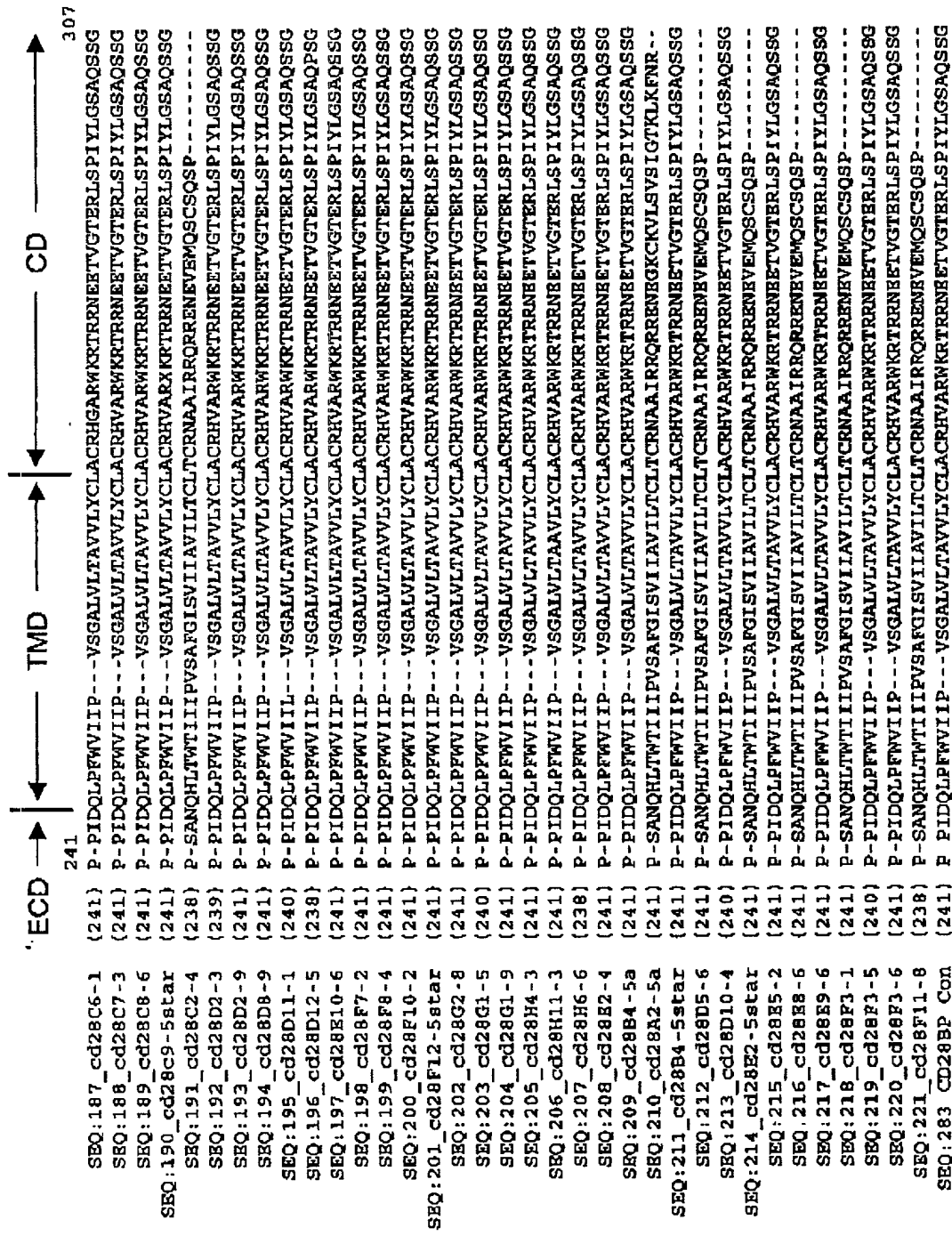


Fig. 2H

Fig. 3A

Fig. 3B

[illegible]

Fig. 3C

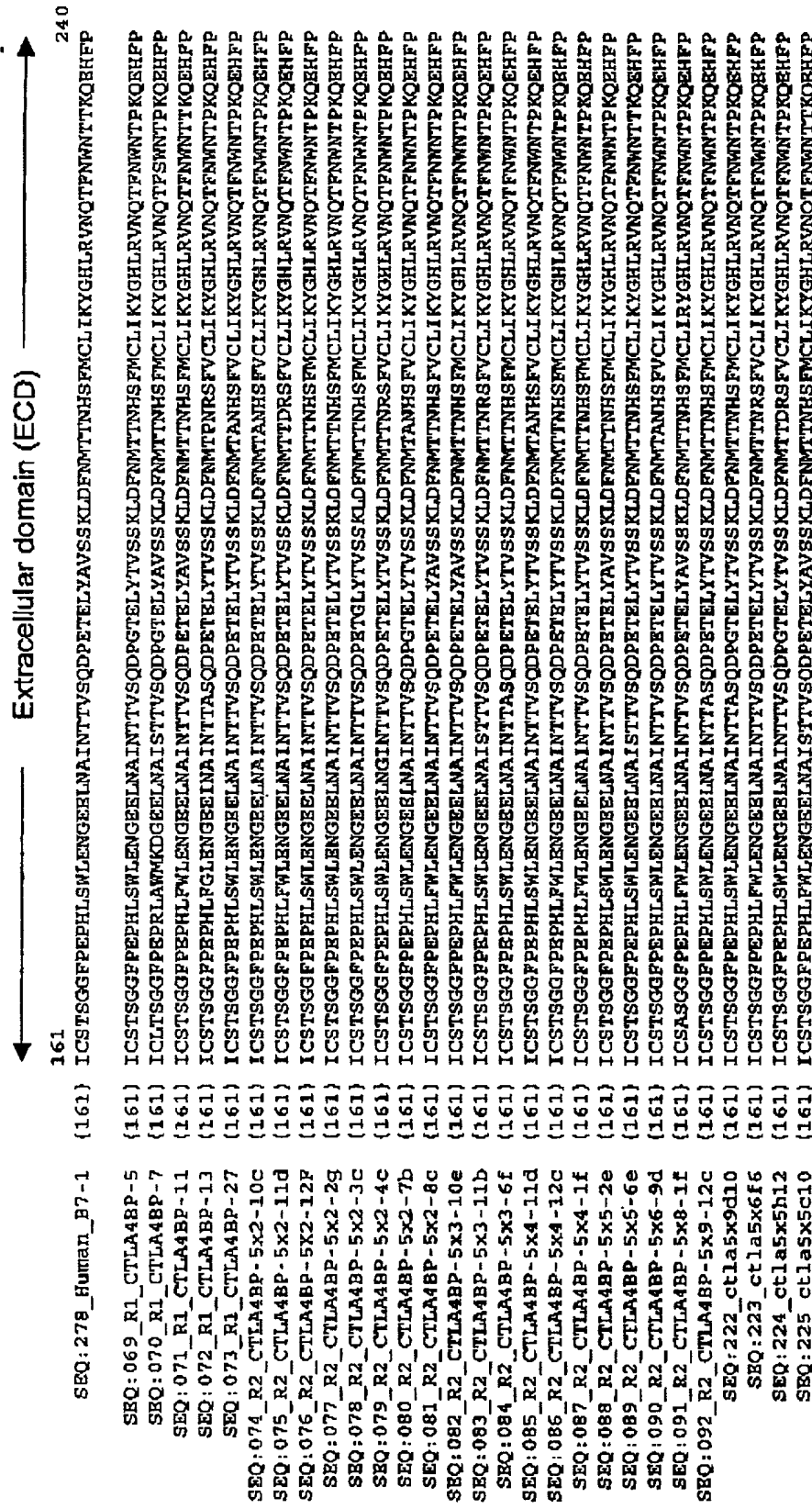


Fig. 3E

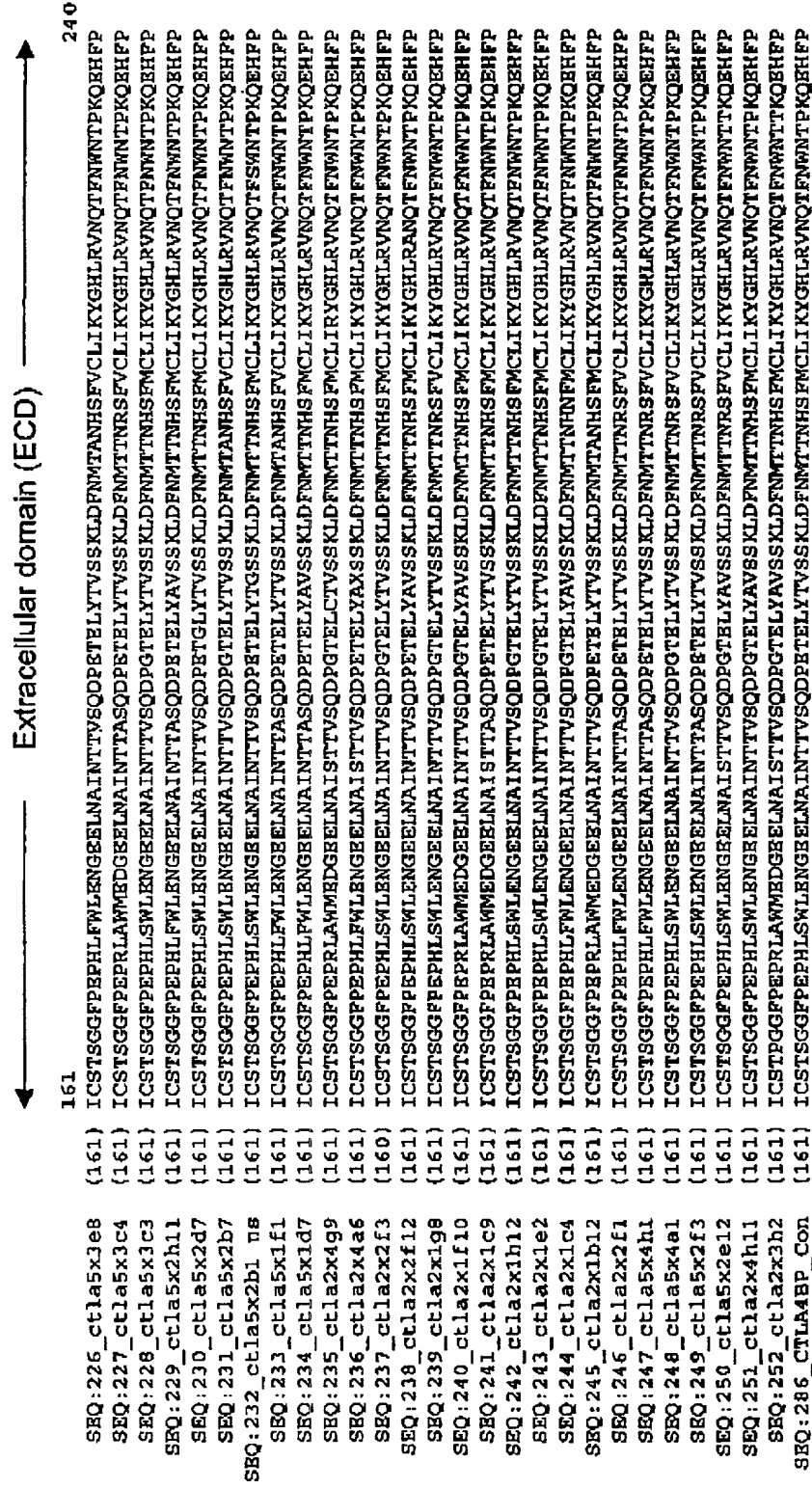


Fig. 3F

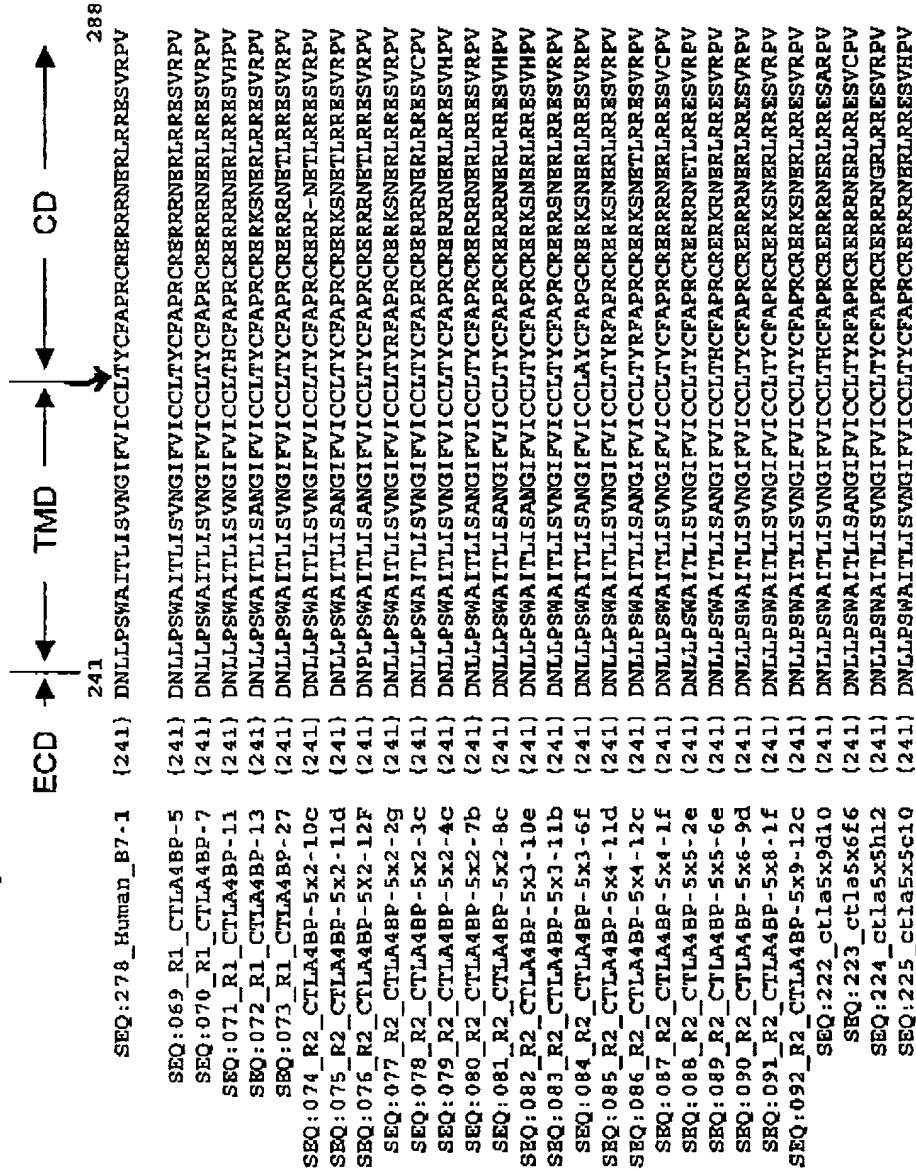


Fig. 3G

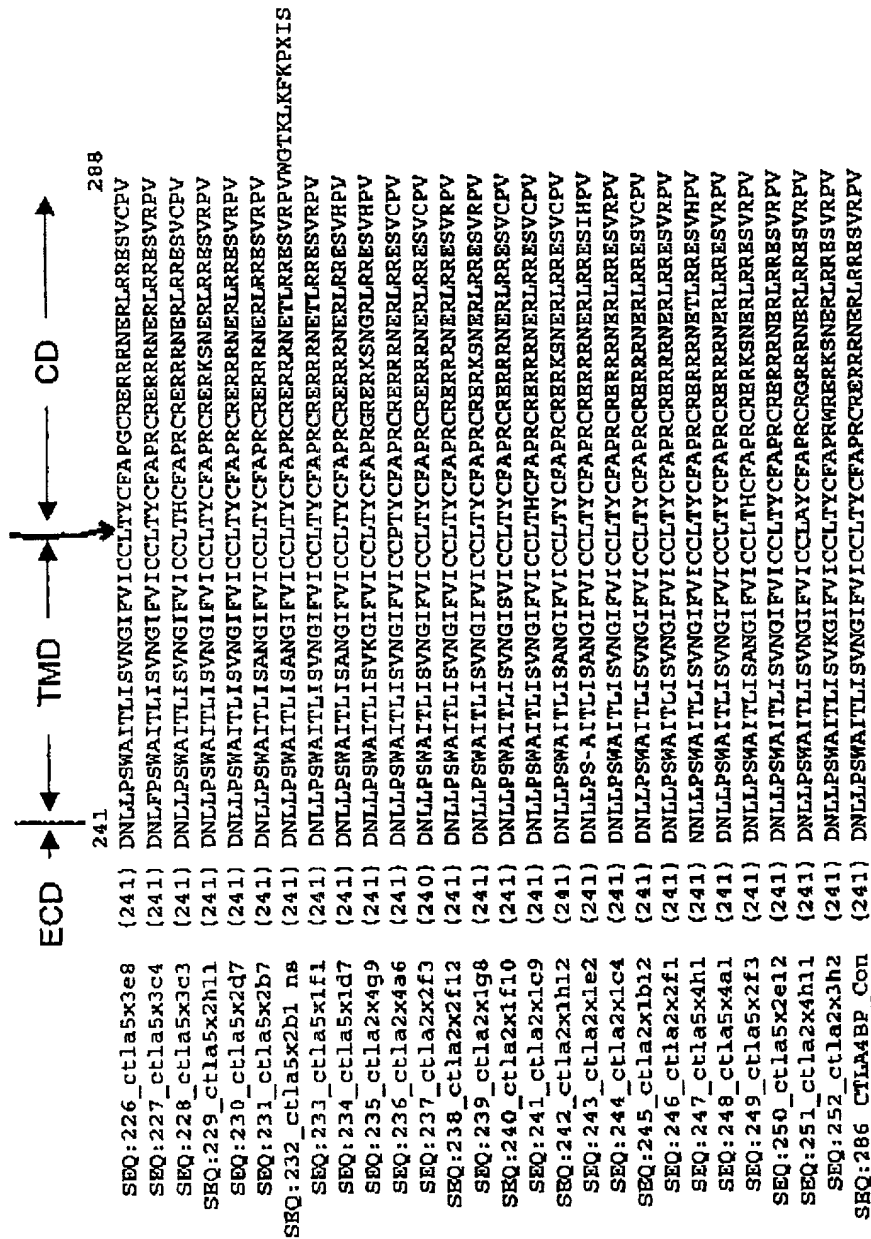


Fig. 3H

Figures 4A-4D

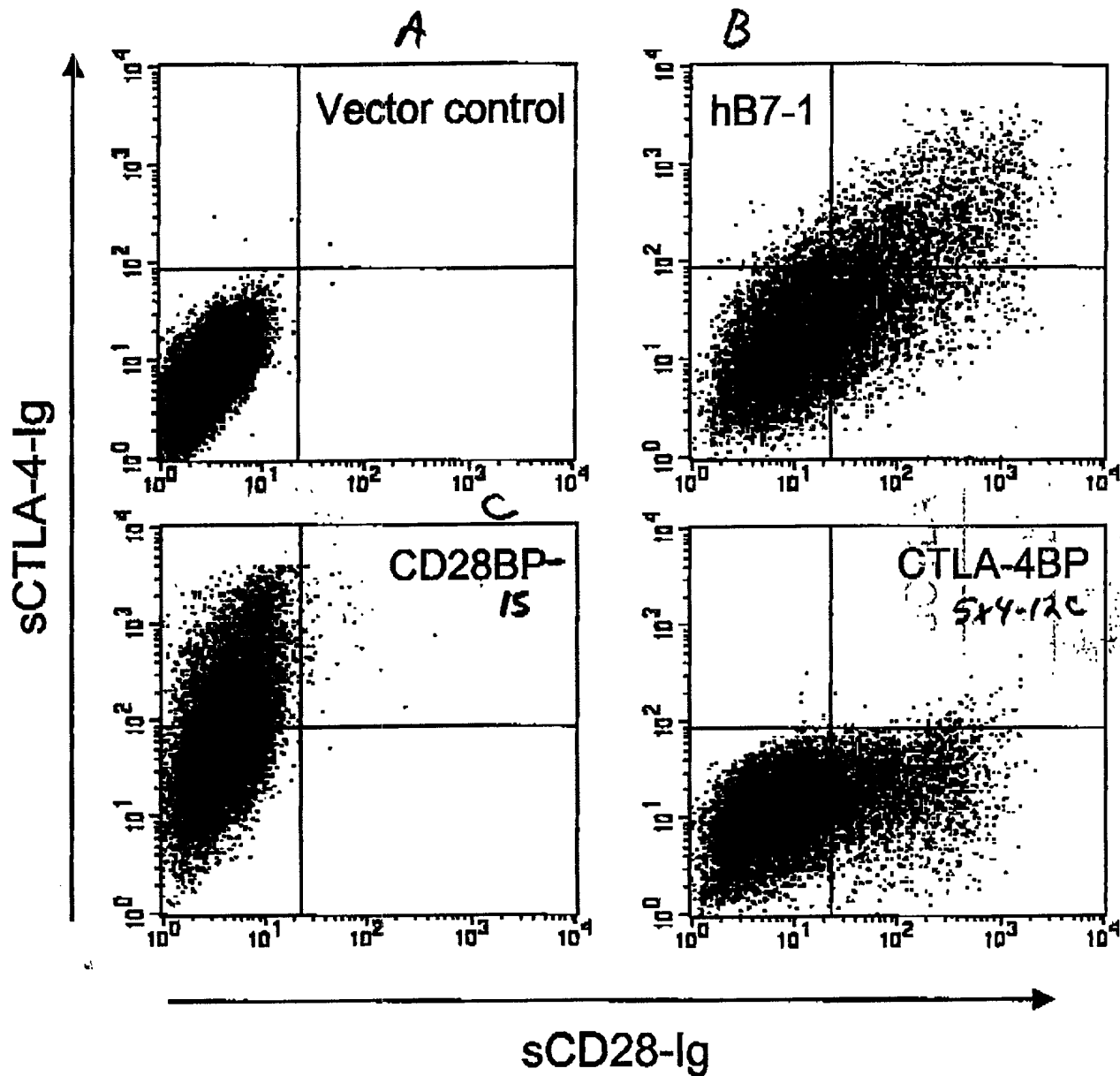
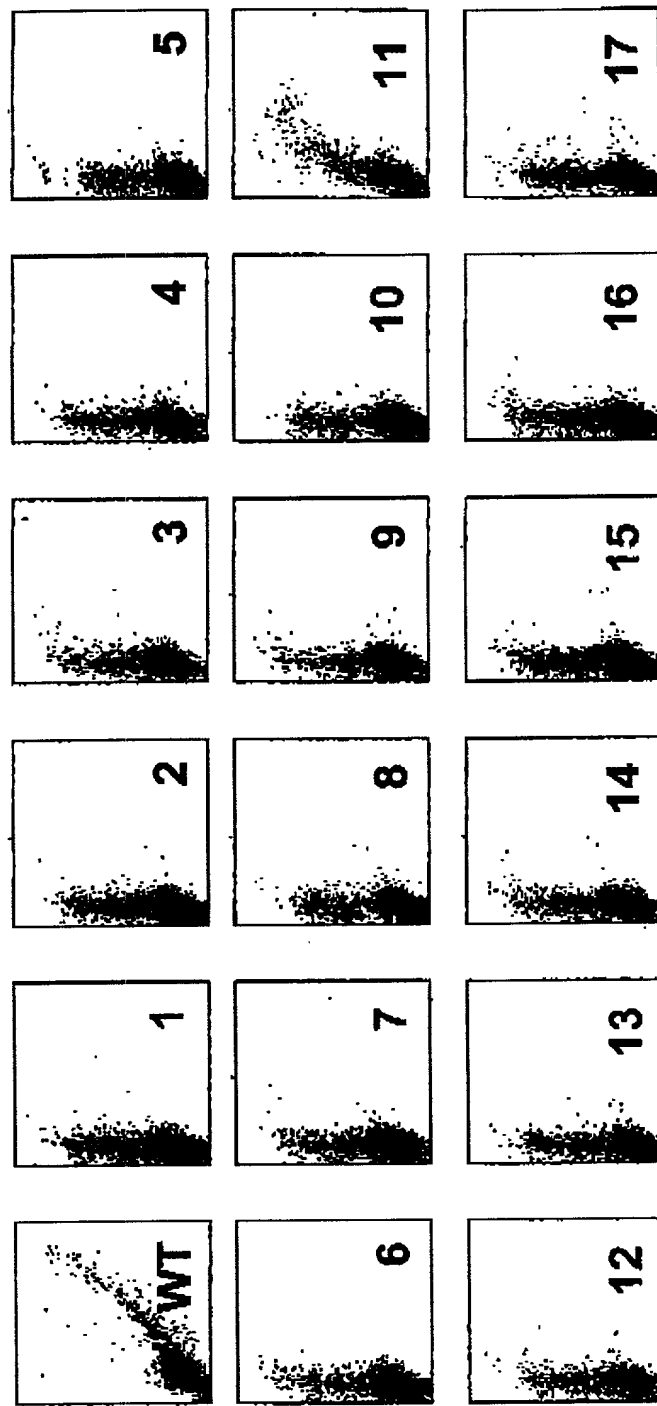


Figure 5

CD28BP after 2nd Round of Shuffling



CD28 Binding

CD28 Binding

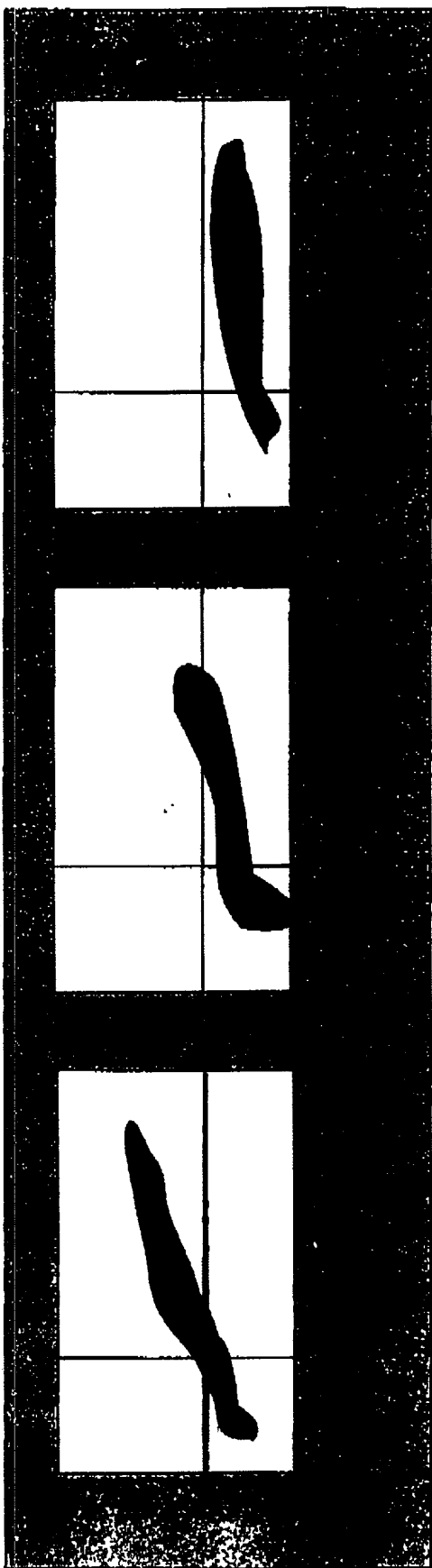
CTLA4 Binding

Figures CA-LB.

A(3)

A(2)

A(1)



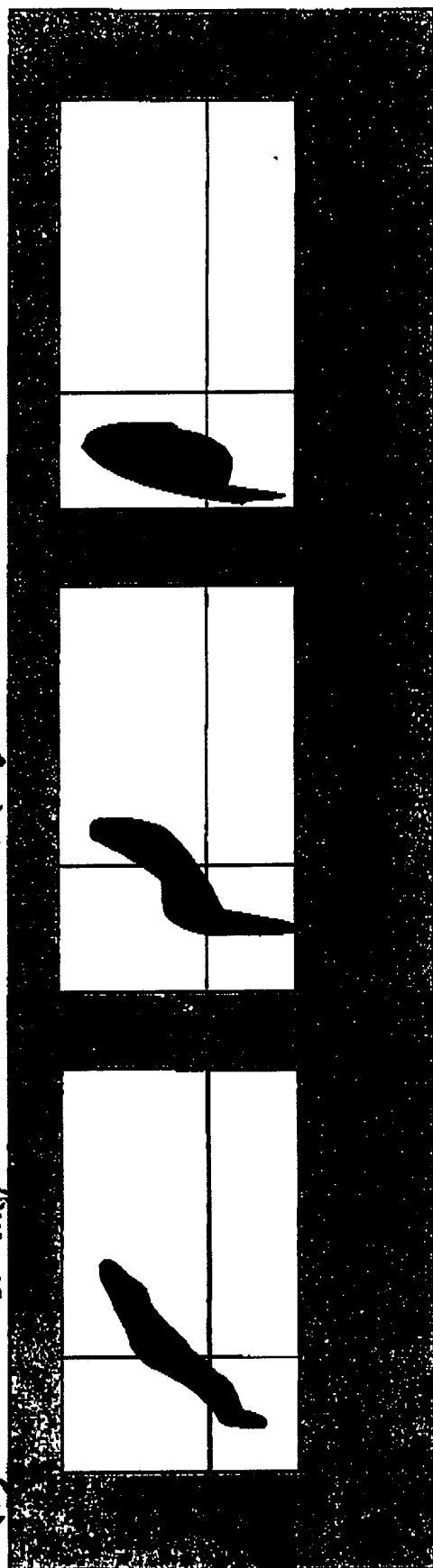
CD28-Ig Binding

CTLA-4-Ig Binding

B(3)

B(2)

B(1)

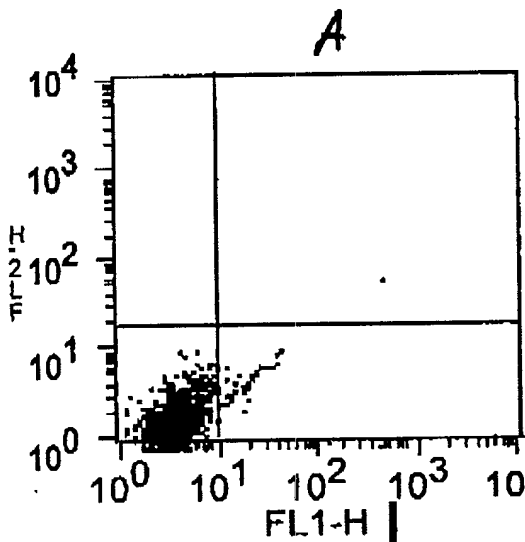


CD28-Ig Binding

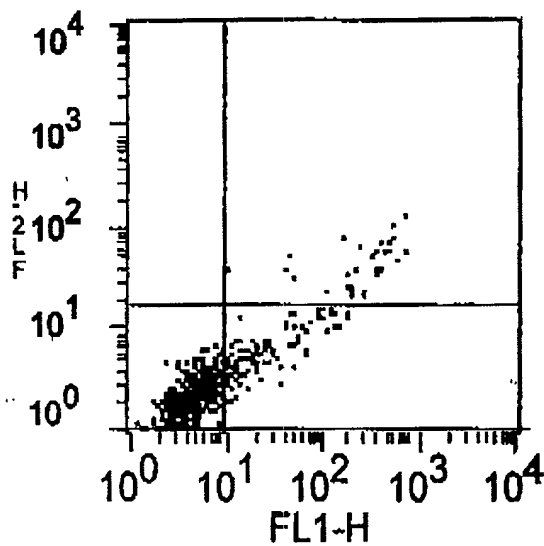
CTLA-4-Ig Binding

Figures 7A-7D

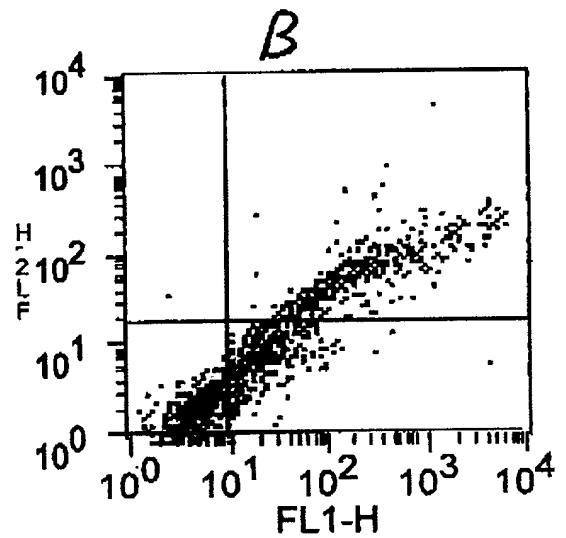
CD28 Binding (PE)



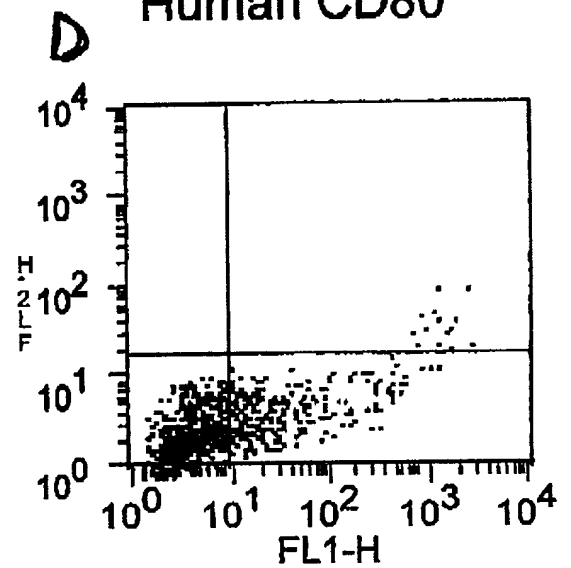
HEK 293



CTLA4BP R25X5-2E



Human CD80

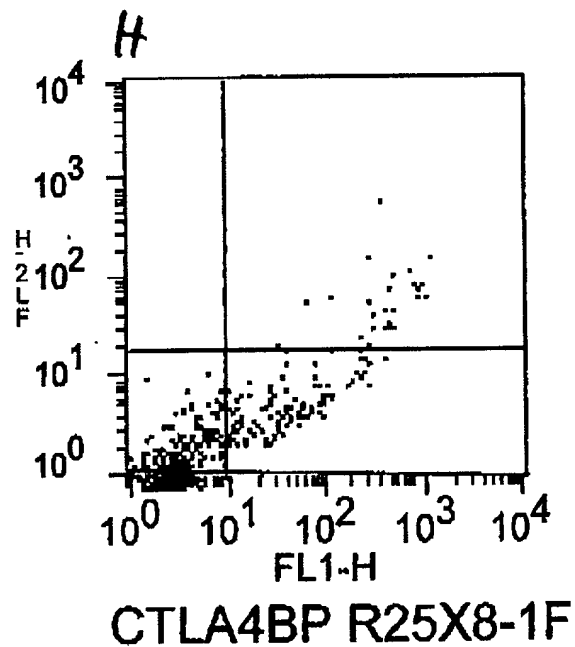
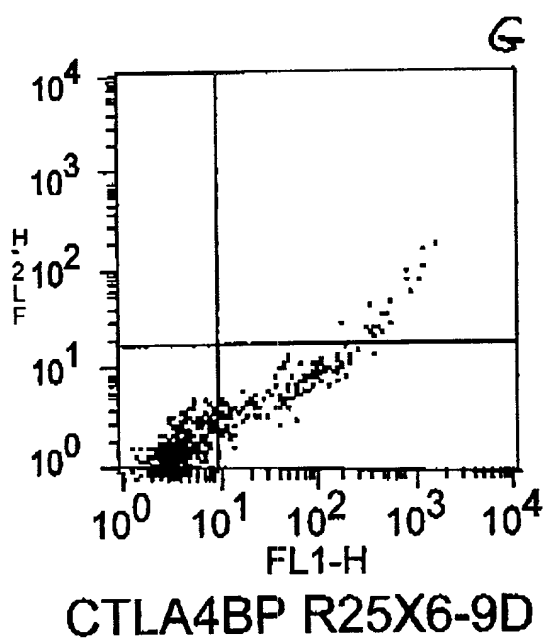
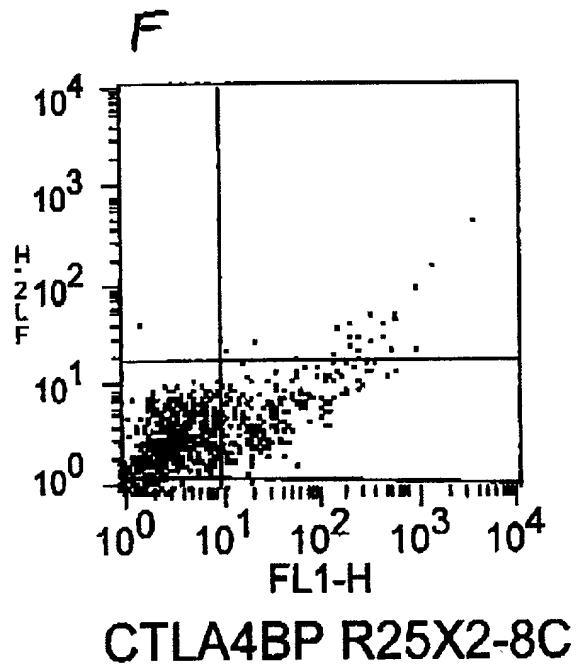
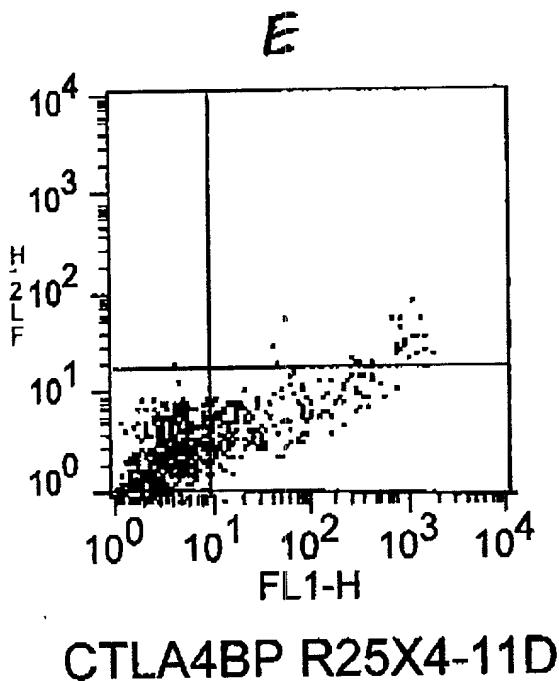


CTLA4BP R25X4-12C

CTLA4 Binding (FITC)

Figures 7E-7H

CD28 Binding (PE)



CTLA4 Binding (FITC)

a CTLA-4BP - 5x4-De

MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCSGVIHVTKEVATLSCGHNVSVVEELAQT
 ← human → baboon → human →
 RIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNLSIVILALRPSDEGTCECVLKYEKDAF
 human → rhesus/baboon →
 KREHLAEVMSVKADFTPTSPISDSEIPPSPNIRRICSTSGGFPEPHLFWLENGEELNAINTTVSQ
 rhesus/baboon → human → baboon →
 DPETELYTVSSKLDENMTTNHSMCLIKYGHIRVNQTFENWNTPKQEHFPDNLPSWAITLISA
 → rhesus
 NGIFVICLTYRFAPRCRERKSNETLRRESVRPV
 → human → orangutan → rhesus/baboon →

b CD28BP-15

MGHTMKWGSPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEELT
 ← cow →
 SLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRPSDSGTCTCVIQKPVLK
 → cow → human → cow → baboon
 GAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGEELNAINT
 cow → human → cow → baboon
 IVSQDPGTLEYMISSELDENVYTNHNSIVCLIKYGELSVSQIFPWSKPKQEPPIQLPFWIIPVS
 baboon → rabbit →
 GALVLTAVVLYCLACRHVARWKRTRRNEETVGTERTLSPIYLGSAQSSG

 human rhesus/baboon rabbit →
 orangutan cow
 rhesus
 baboon cow

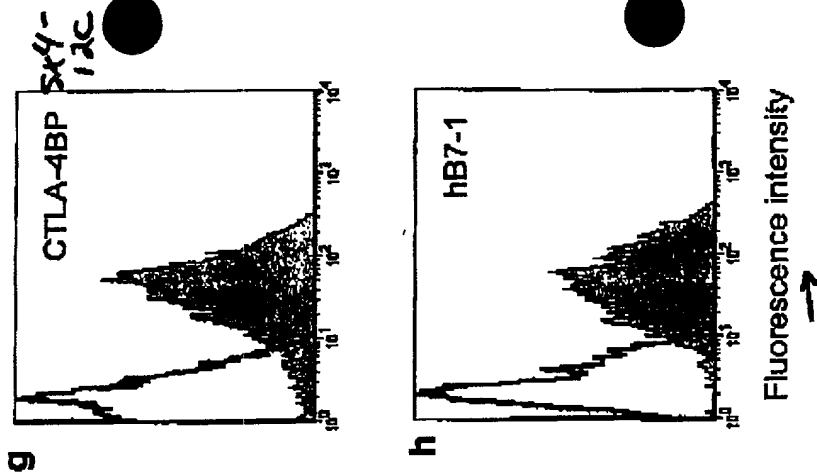
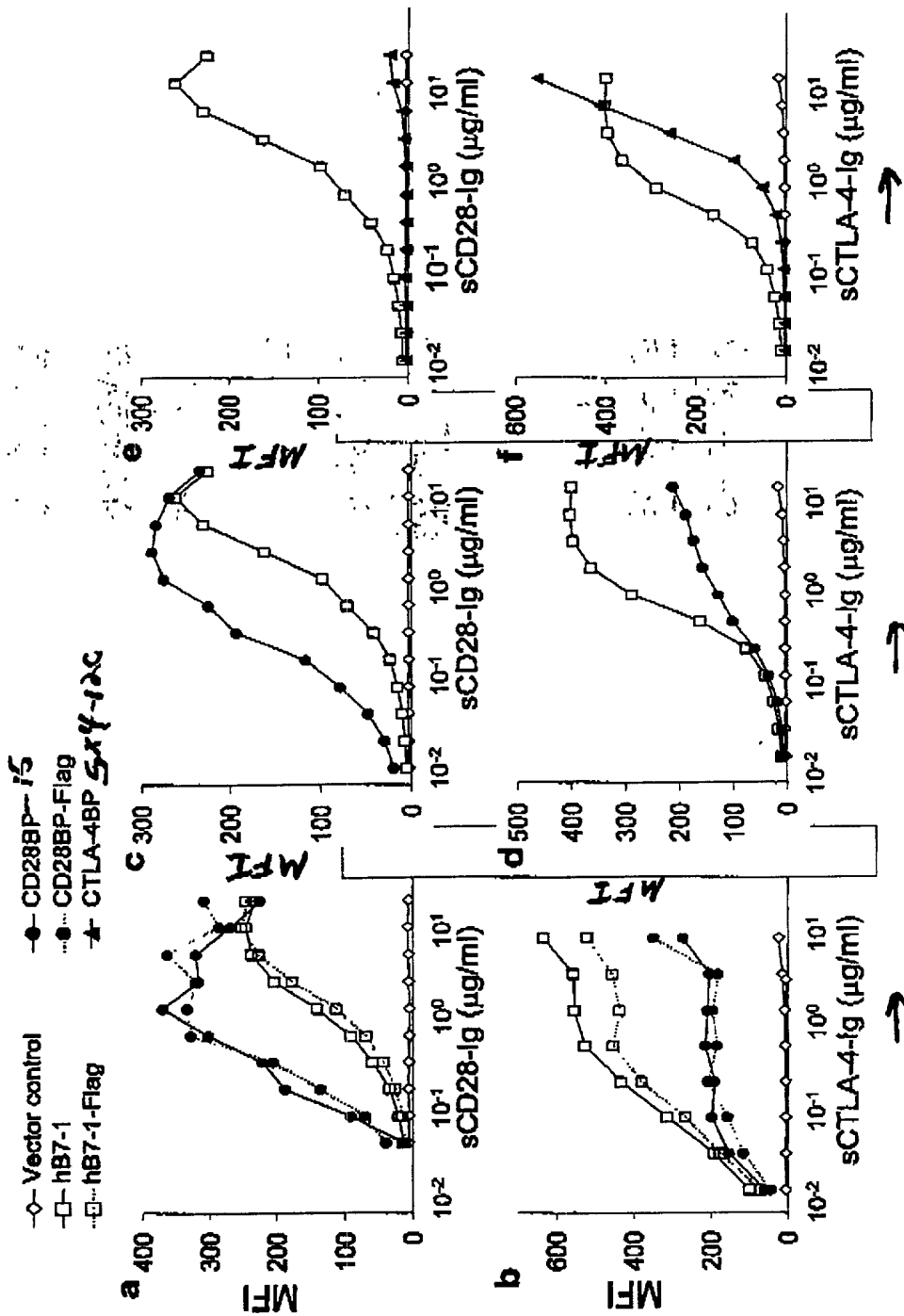
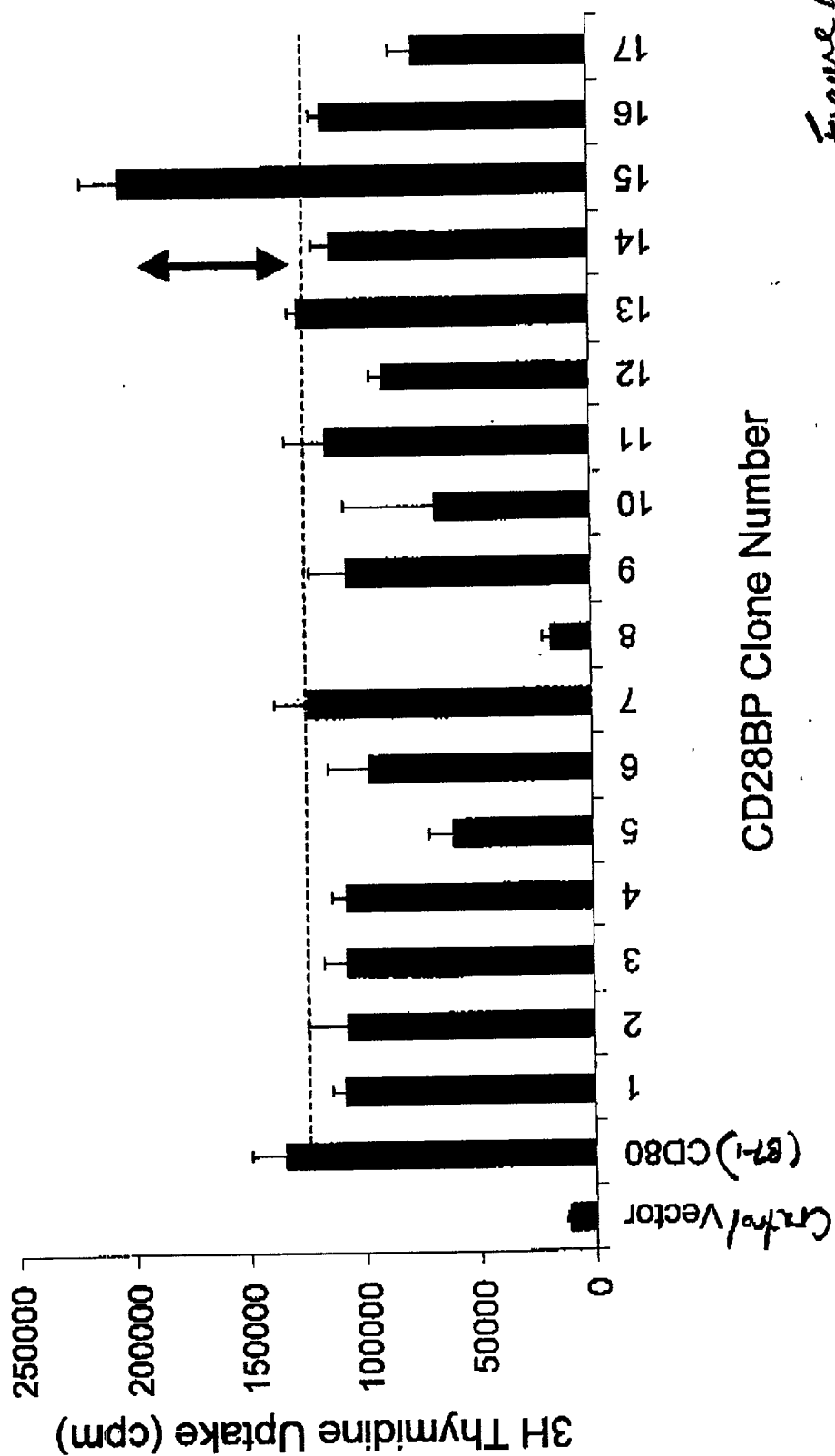
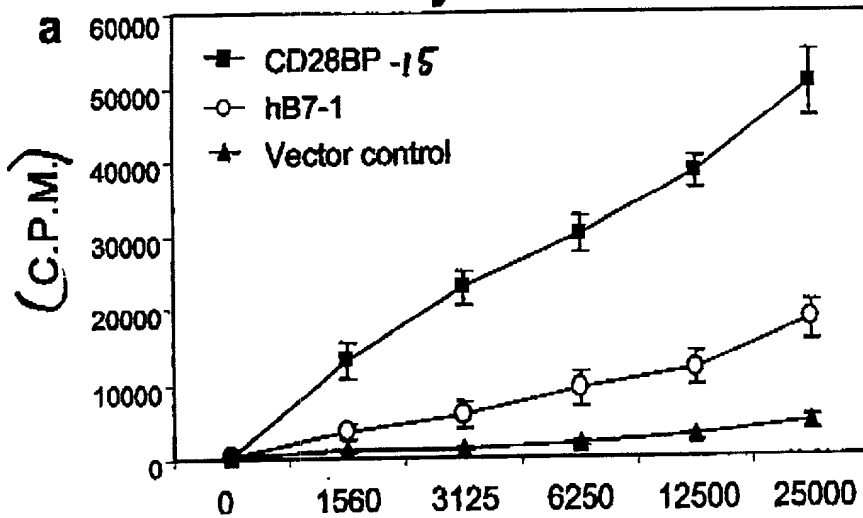


Figure 9A-9H



Figures 11A-11C

^3H Thymidine Uptake



^3H Thymidine Uptake

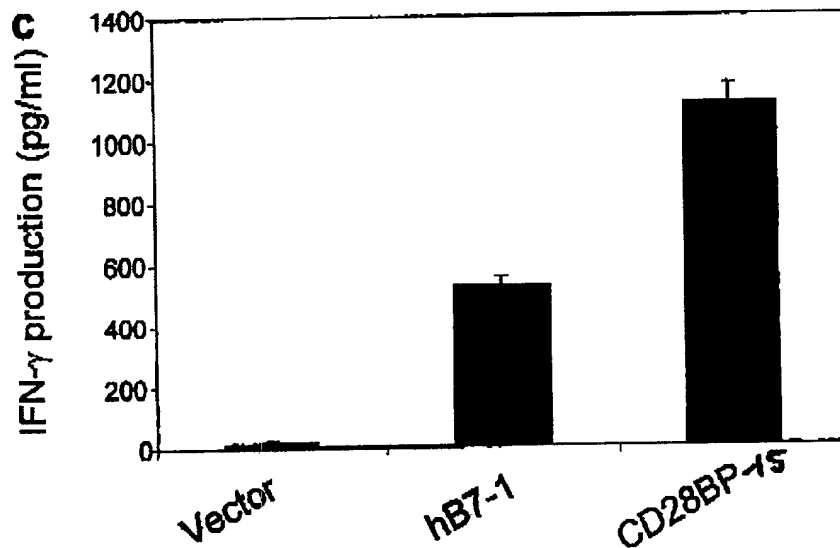
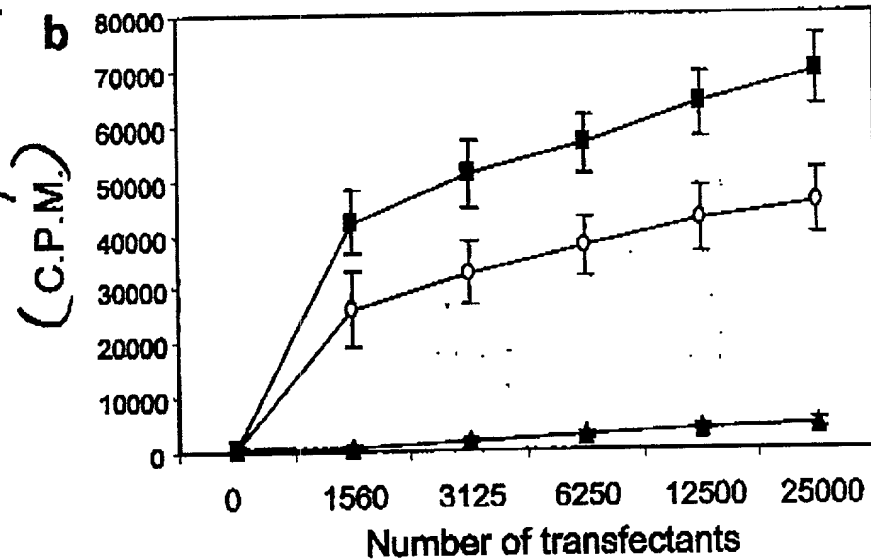
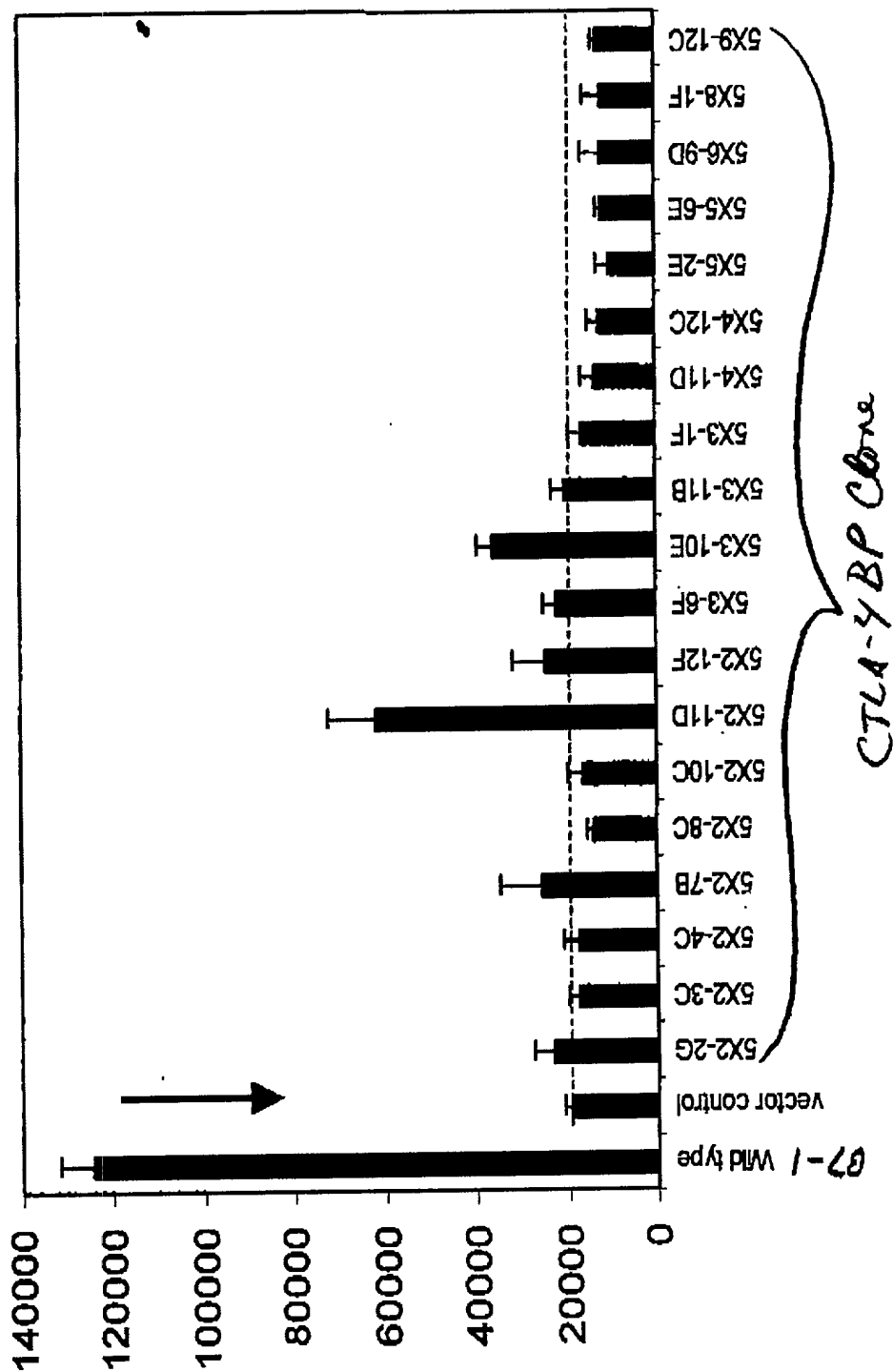


Figure 12

Suppressed T cell Response by CTLA4BP

³H Thymidine Uptake (cpm)

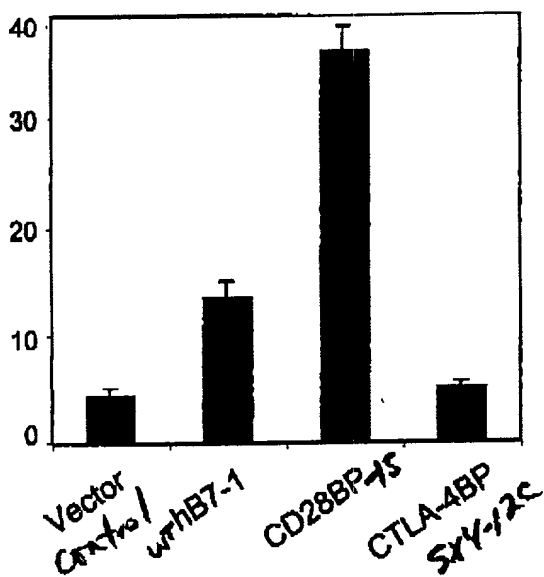


Figures 13A-13D

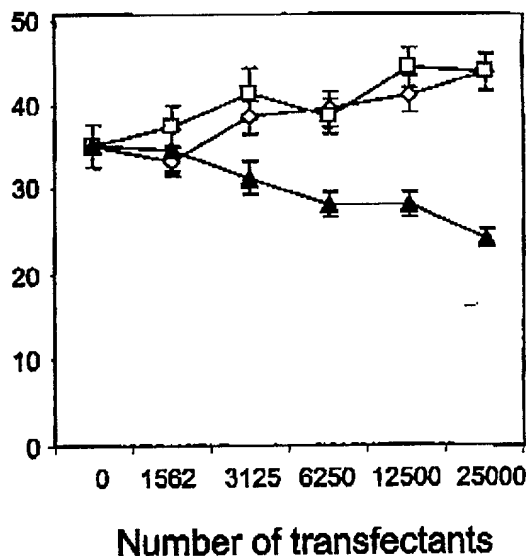
³H Thymidine Uptake

a

C.P.M. (x10⁻³)

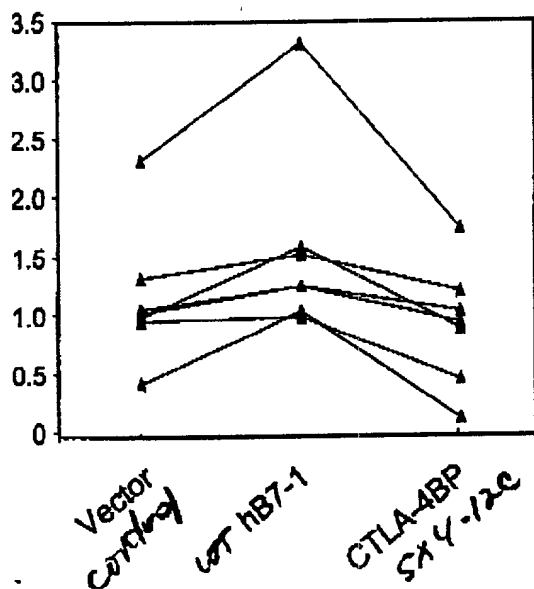


b



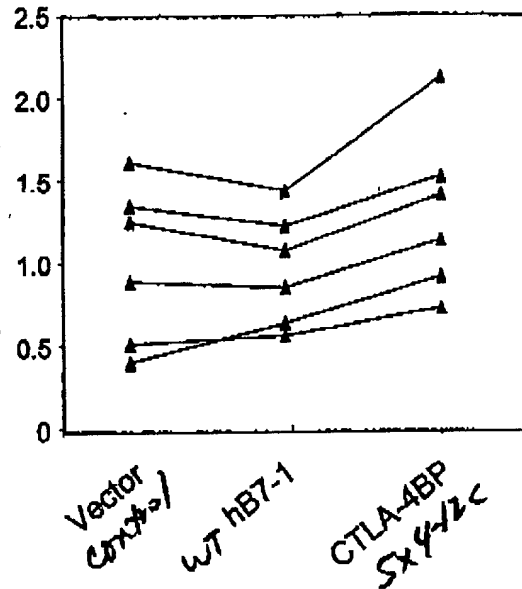
c

IFN- γ production (ng/ml)



d

IL-10 production (ng/ml)



Soluble Forms

A

Human B7.1 sECD

AAAGAPVPYPDPLEPPR AAHHHHHH



Signal	Extracellular Domain	E-epitope His-tag
(1- 34)	(35-242)	(243-259) (260-268)

B Human B7.1 ECD-Ig Form

BstII hinge -CH2-CH3



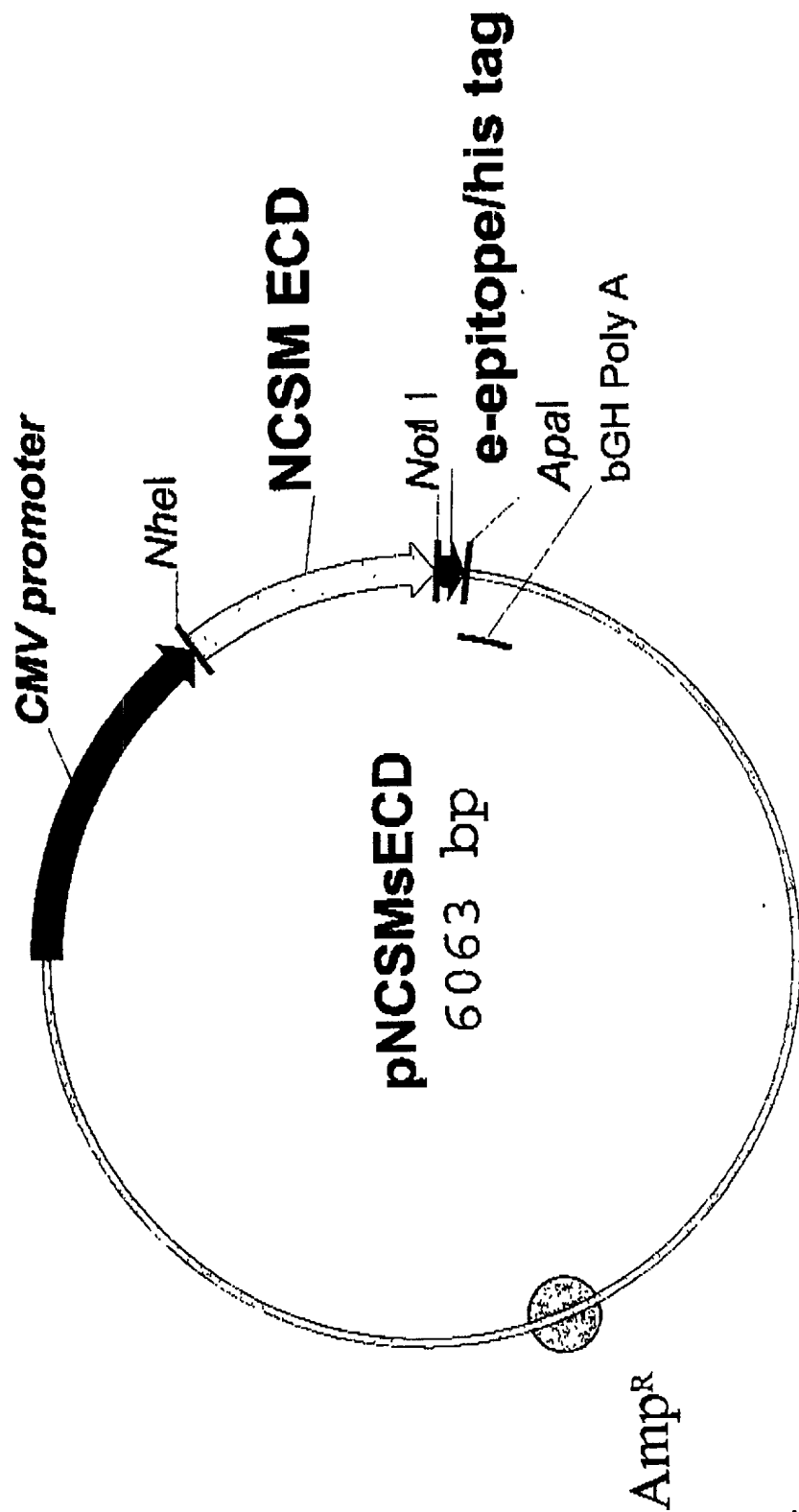
B7.1 ECD (35-242)

Human IgG1 Fc Fragment
GenBank Acc.# P01857
Factor X_a

14A - 14B

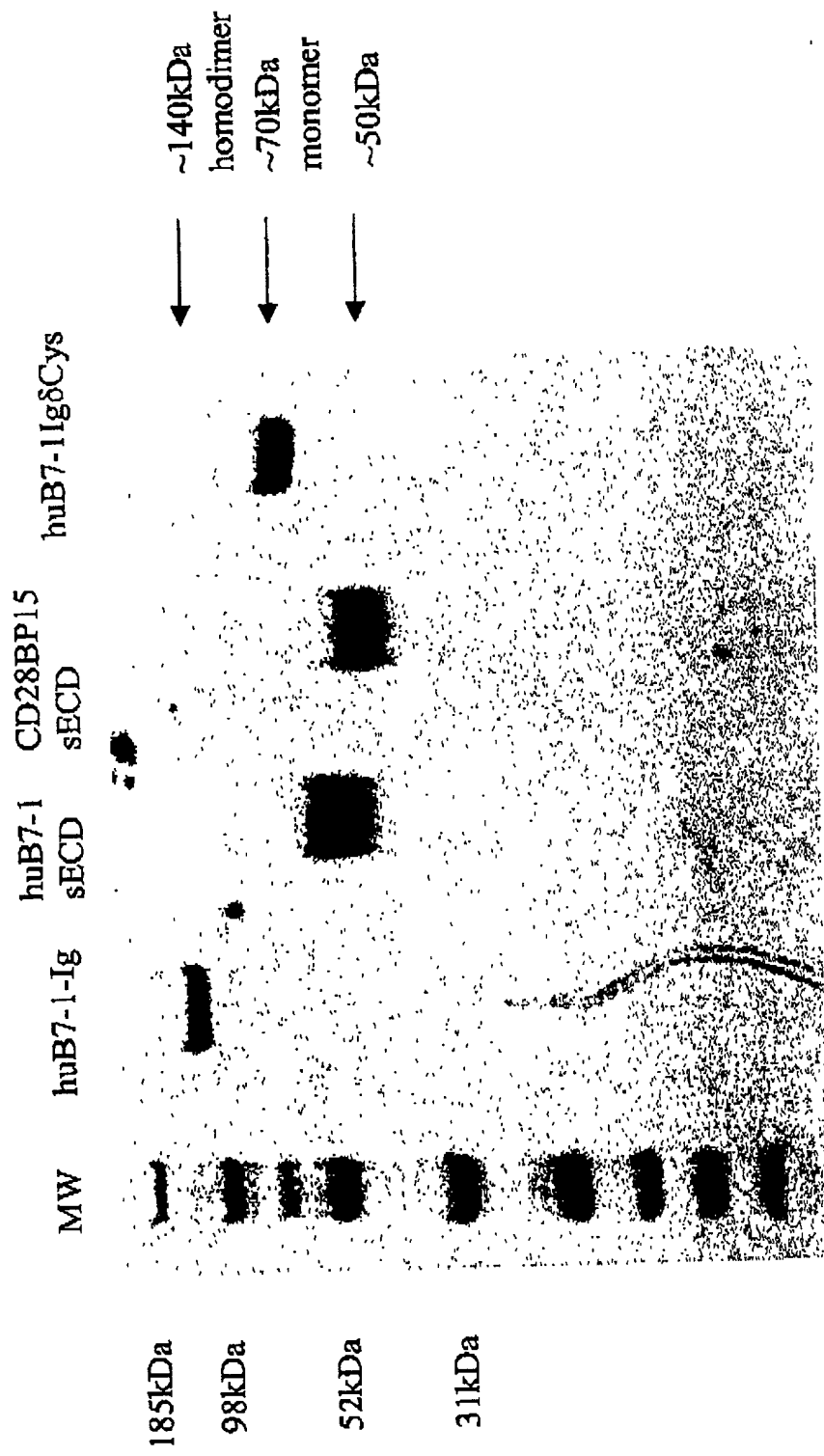
Figures

NCSM-sECD Expression Construct



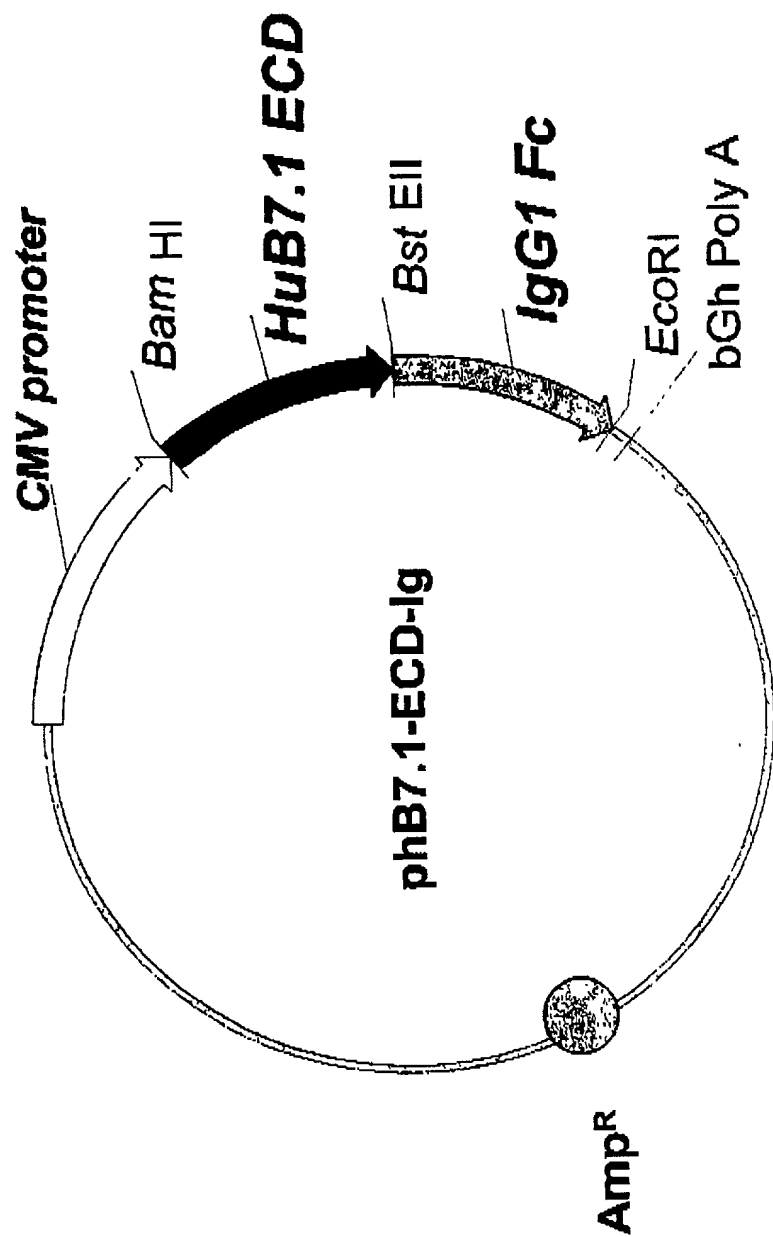
15
Figure 10

SDS-PAGE showing various soluble forms of wt & NCSM proteins

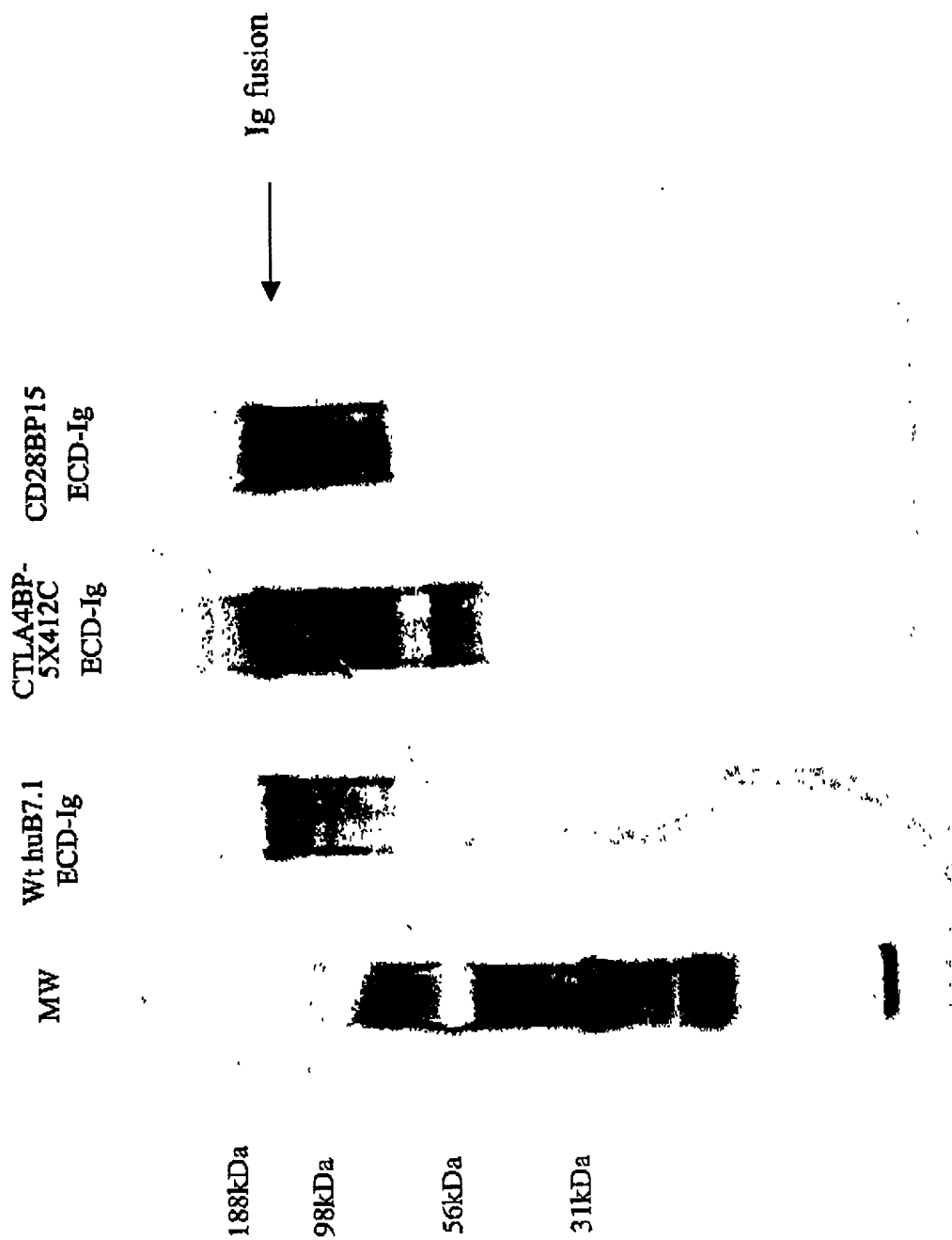


16
Figure 1

B7-1-ECD-Ig Fusion Expression Construct



Scale-up Production of wild-type soluble Human B7.1-, CTLA4BP 5X4-12C-, and CD28BP-15 ECD-Ig Fusion Proteins



Expression of CTLA-4-BP-Ig and CD28-BP-Ig Proteins

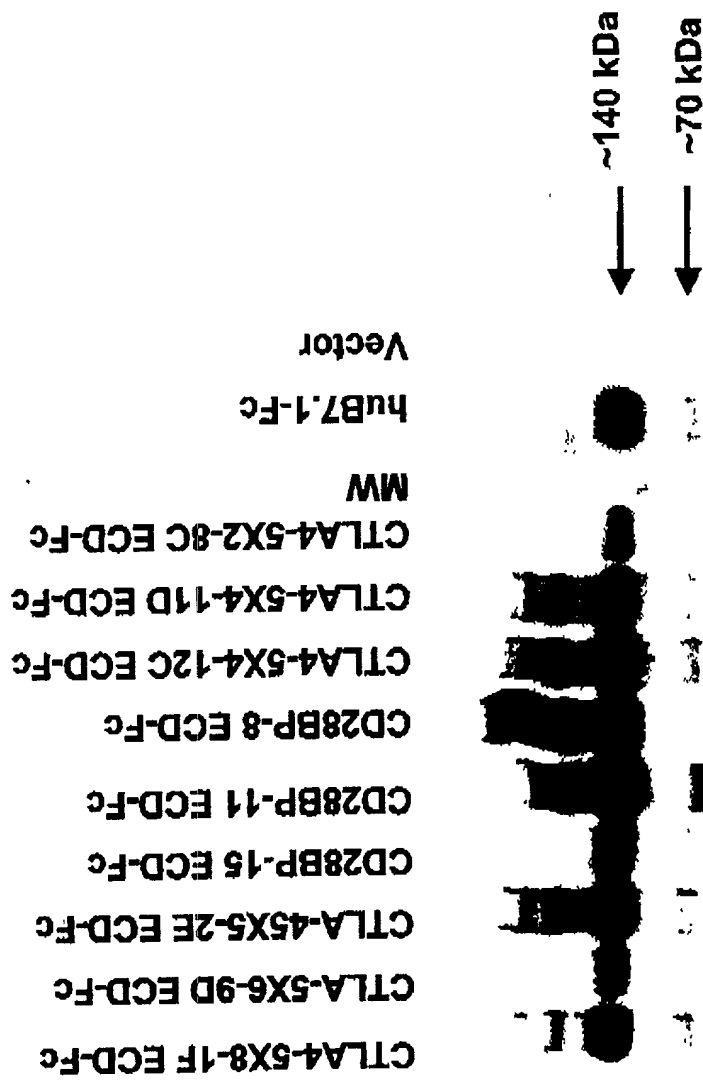
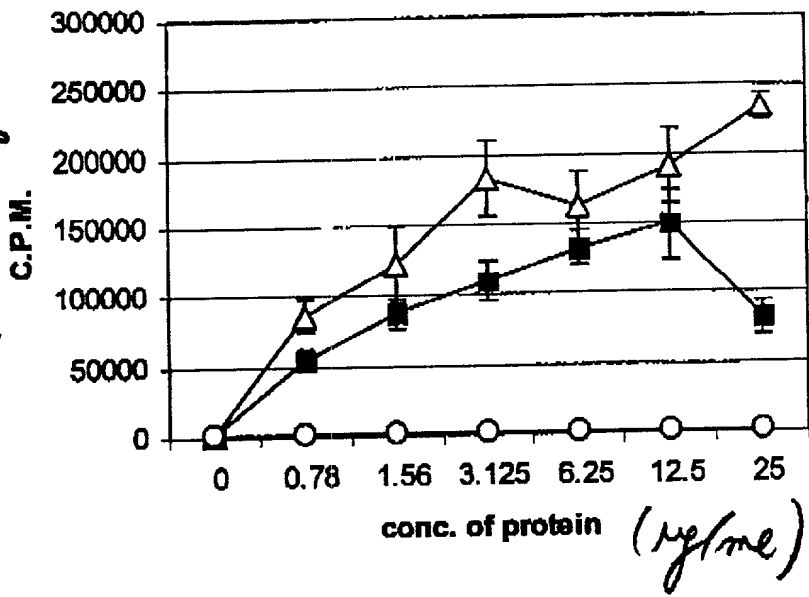


Figure 1

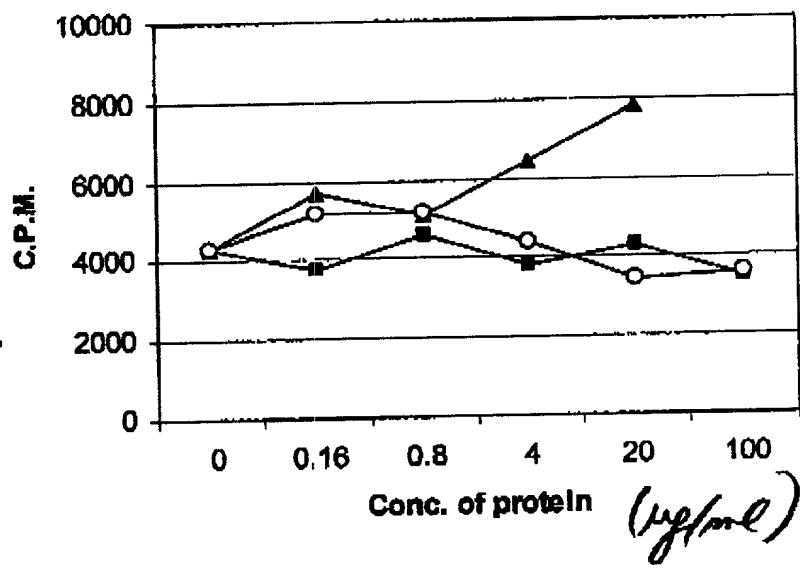
TOP SECRET

(a) ^3H Thymidine Uptake

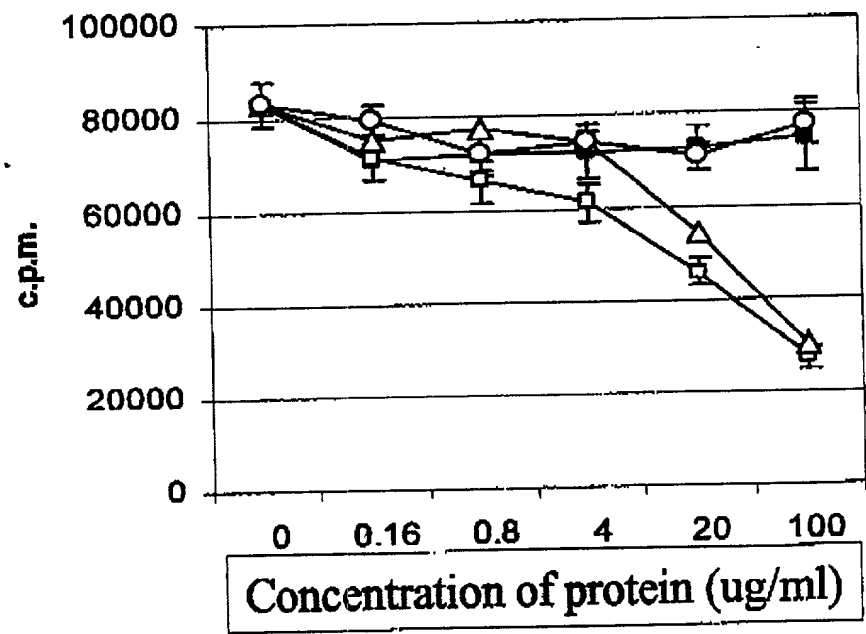


Figures 20A-20C

(b) ^3H Thymidine Uptake



(c) ^3H Thymidine Uptake



3 H^+ , molene Uptake

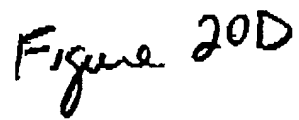
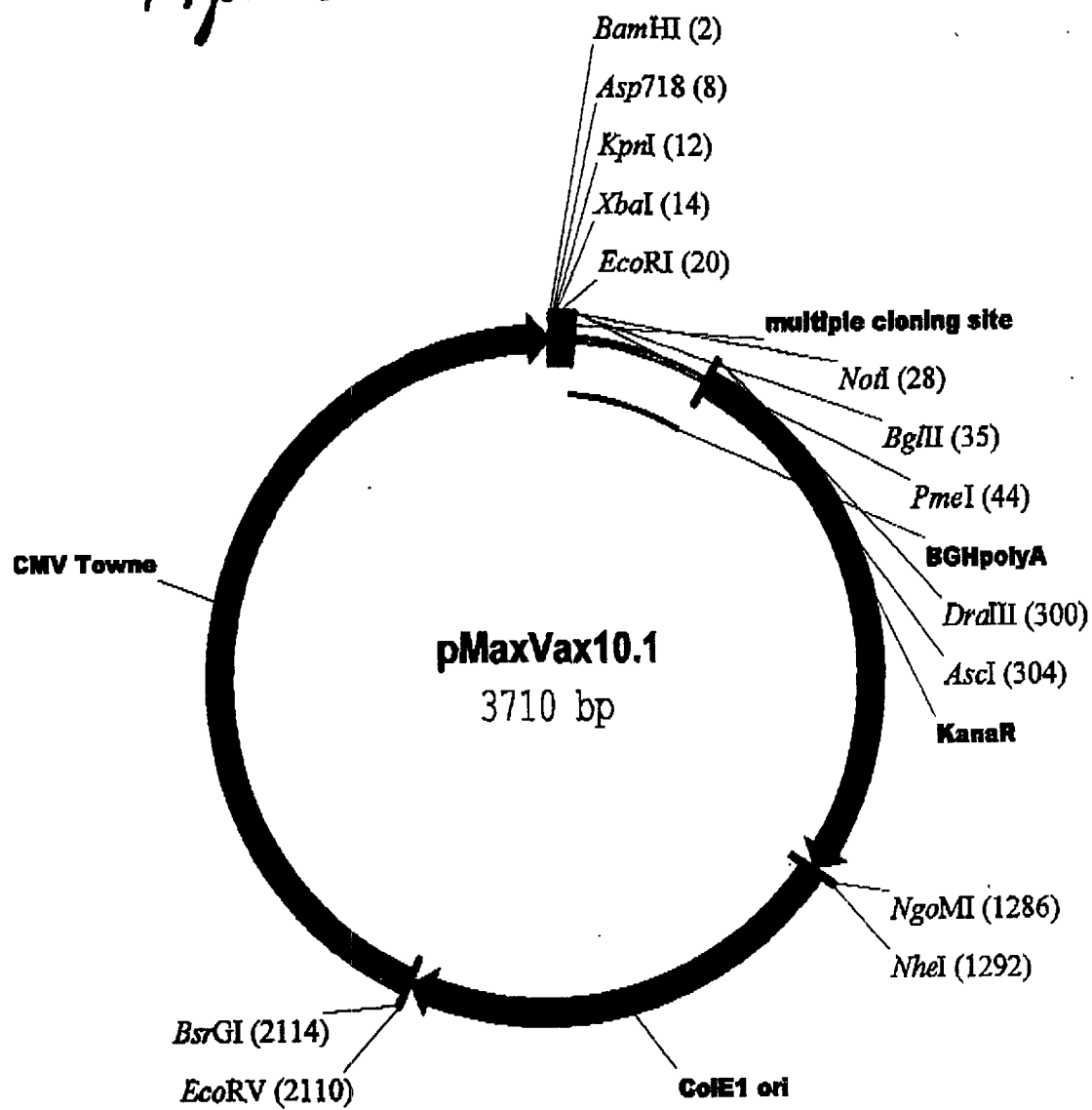


TABLE 1	
Summary of the results of the 1990-1991 survey of the health status of the population of the Republic of Serbia	
I. General characteristics of the population	
Population, 1990	10,000,000
Population, 1991	10,000,000
Population, 1992	10,000,000
Population, 1993	10,000,000
Population, 1994	10,000,000
Population, 1995	10,000,000
Population, 1996	10,000,000
Population, 1997	10,000,000
Population, 1998	10,000,000
Population, 1999	10,000,000
Population, 2000	10,000,000
Population, 2001	10,000,000
Population, 2002	10,000,000
Population, 2003	10,000,000
Population, 2004	10,000,000
Population, 2005	10,000,000
Population, 2006	10,000,000
Population, 2007	10,000,000
Population, 2008	10,000,000
Population, 2009	10,000,000
Population, 2010	10,000,000
Population, 2011	10,000,000
Population, 2012	10,000,000
Population, 2013	10,000,000
Population, 2014	10,000,000
Population, 2015	10,000,000
Population, 2016	10,000,000
Population, 2017	10,000,000
Population, 2018	10,000,000
Population, 2019	10,000,000
Population, 2020	10,000,000
Population, 2021	10,000,000
Population, 2022	10,000,000
Population, 2023	10,000,000
Population, 2024	10,000,000
Population, 2025	10,000,000
Population, 2026	10,000,000
Population, 2027	10,000,000
Population, 2028	10,000,000
Population, 2029	10,000,000
Population, 2030	10,000,000
Population, 2031	10,000,000
Population, 2032	10,000,000
Population, 2033	10,000,000
Population, 2034	10,000,000
Population, 2035	10,000,000
Population, 2036	10,000,000
Population, 2037	10,000,000
Population, 2038	10,000,000
Population, 2039	10,000,000
Population, 2040	10,000,000
Population, 2041	10,000,000
Population, 2042	10,000,000
Population, 2043	10,000,000
Population, 2044	10,000,000
Population, 2045	10,000,000
Population, 2046	10,000,000
Population, 2047	10,000,000
Population, 2048	10,000,000
Population, 2049	10,000,000
Population, 2050	10,000,000
Population, 2051	10,000,000
Population, 2052	10,000,000
Population, 2053	10,000,000
Population, 2054	10,000,000
Population, 2055	10,000,000
Population, 2056	10,000,000
Population, 2057	10,000,000
Population, 2058	10,000,000
Population, 2059	10,000,000
Population, 2060	10,000,000
Population, 2061	10,000,000
Population, 2062	10,000,000
Population, 2063	10,000,000
Population, 2064	10,000,000
Population, 2065	10,000,000
Population, 2066	10,000,000
Population, 2067	10,000,000
Population, 2068	10,000,000
Population, 2069	10,000,000
Population, 2070	10,000,000
Population, 2071	10,000,000
Population, 2072	10,000,000
Population, 2073	10,000,000
Population, 2074	10,000,000
Population, 2075	10,000,000
Population, 2076	10,000,000
Population, 2077	10,000,000
Population, 2078	10,000,000
Population, 2079	10,000,000
Population, 2080	10,000,000
Population, 2081	10,000,000
Population, 2082	10,000,000
Population, 2083	10,000,000
Population, 2084	10,000,000
Population, 2085	10,000,000
Population, 2086	10,000,000
Population, 2087	10,000,000
Population, 2088	10,000,000
Population, 2089	10,000,000
Population, 2090	10,000,000
Population, 2091	10,000,000
Population, 2092	10,000,000
Population, 2093	10,000,000
Population, 2094	10,000,000
Population, 2095	10,000,000
Population, 2096	10,000,000
Population, 2097	10,000,000
Population, 2098	10,000,000
Population, 2099	10,000,000
Population, 2100	10,000,000

Figure 21



Figures 22A-22B

